

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/05269

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/064685 A1 (KIM YOUNG-SE) 3 April 2003 (2003-04-03) page 2, line 110 - line 124; figures 1,4 ---	1-25
A	EP 1 318 650 A (NIPPON ELECTRIC CO) 11 June 2003 (2003-06-11) column 2, line 34; figures 1,3,4 ---	1-25
A	EP 1 335 567 A (SONY INT EUROP GMBH) 13 August 2003 (2003-08-13) figure 1 -----	1-25

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

18 June 2004

Date of mailing of the international search report

13. 07. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

TOMAS ERLANDSSON/MN

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/05269

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003064685	A1	03-04-2003	KR	2003001255 A	06-01-2003
EP 1318650	A	11-06-2003	JP	2003152840 A	23-05-2003
			CN	1419364 A	21-05-2003
			EP	1318650 A2	11-06-2003
			US	2003092401 A1	15-05-2003
EP 1335567	A	13-08-2003	EP	1335567 A1	13-08-2003